

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,022,555 B2  
APPLICATION NO. : 10/774515  
DATED : April 4, 2006  
INVENTOR(S) : John T. Moore et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the U.S. Patents portion of the References Cited section, item [56] add the following two patents:

4,673,957      6/1987      Ovshinsky et al.

5,335,219      8/1994      Ovshinsky et al.

In the Other Publications portion of the References Cited section, add the following applications:

U.S. Appl. No. 09/779,983, filed Feb. 2001, Moore.

U.S. Appl. No. 09/943,190, filed Aug. 2001, Campbell, et al.

U.S. Appl. No. 09/943,199, filed Aug. 2001, Campbell, et al.

U.S. Appl. No. 09/943,187, filed Aug. 2001, Campbell, et al.

U.S. Appl. No. 10/077,867, filed Feb. 2002, Campbell, et al.

U.S. Appl. No. 10/232,757, filed Aug. 2002, Li, et al.

Also in Other Publications, on page 7, delete the following:

U.S. Appl. No. 5,238,862, filed Aug. 1993, Blalock et al.

U.S. Appl. No. 5,360,981, filed Nov. 1994, Owen, et al.

U.S. Appl. No. 5,761,115, filed Jun. 1998, Kozicki, et al.

U.S. Appl. No. 5,896,312, filed Apr. 1999, Kozicki, et al.

U.S. Appl. No. 5,914,893, filed Jun. 1999, Kozicki, et al.

U.S. Appl. No. 6,084,796, filed Jul. 2000, Kozicki, et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Other Publications, the following typographical errors are corrected:

“Titus, S.S.K.; Chatterjee, R.; Asokan, S., Electrical switching and short-range order in As-Te glasses, Phys. Rev. B 48 (1992) 14650-14652.”

**Should read**

--Titus, S.S.K.; Chatterjee, R.; Asokan, S., Electrical switching and short-range order in As-Te glasses, Phys. Rev. B 48 (1993) 14650-14652.--;

“Hirose, et al., “Polarity-dependent memory switching and behavior of Ag dendrite In Agphotodoped amorphous As<sub>2</sub>S<sub>3</sub> films”. Journal of Applied Physics, vol. 47, No. 6, Jun. 1976, pp. 278-2772.”

**Should read**

--Hirose, et al., “Polarity-dependent memory switching and behavior of Ag dendrite in Agphotodoped amorphous As<sub>2</sub>S<sub>3</sub> films”. Journal of Applied Physics, vol. 47, No. 6, Jun. 1976, pp. 2767-2772.--.

In Other Publications, Applicants made the following typographical errors to be corrected:

“Tranchant, S.; Peytavin, S.; Ribes, M.; Flank, A.M.; Dexpert, H.; Lagarde, J.P., Silver chalcogenide glasses Ag-Ge-Se: Ionic conduction and exafs structural investigation, Transport-structure relations in fast ion and mixed conductors Proceedings of the 6th Riso International symposium. Sep. 9-13, 1985.”

**Should read**

J.P., --Tranchant, S.; Peytavin, S.; Ribes, M.; Flank, A.M.; Dexpert, H.; Lagarde, Silver chalcogenide glasses Ag-Ge-Se: Ionic conduction and EXAFS structural investigation, Transport-structure relations in fast ion and mixed conductors, Proc. of the 6th RISO Int'l Symp. Sep. 9-13, 1985.--;

“Kotkata M.F.; Afif, M.A.; Labib, H.H.; Hegab, N.A.; Abdel-Aziz, M.M., Memory switching in amorphous GeSeTI chalcogenide semiconductor films, Thin Solid Films 240 (1994) 143-146.”

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**Should read**

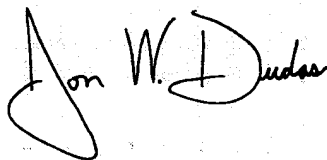
--Kotkata, M.F.; Afifi, M.A.; Labib H.H.; Hegab, N.A.; Abdel-Aziz, M.M.,  
Memory switching in amorphous GeSeTI chalcogenide semiconductor films, Thin Solid  
Films 240 (1994) 143-146.--.

In the Specification, the following error is corrected:

Column 2, line 16, "metal is ion" should read --metal ion--.

Signed and Sealed this

Twelfth Day of December, 2006

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large loop for the "J" and a cursive "Dudas".

JON W. DUDAS

*Director of the United States Patent and Trademark Office*